



QC ABSTRACT

NAME OF WORK: Installation of CC Camera In Ward No.05

SERIAL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
Materials						
1	Cement	Fineness by dry sieving	One Test		1	1
		Fineness by Air permeability method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
2	Coarse aggregate(40 mm down size)	Compressive Strength	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
3	Coarse aggregate(20 mm down size)	Water Absorption	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
4	Fine aggregate	Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	PCC(M15)	Compressive Strength(7days and 28days)	9 set		18	18

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2021-08-06-08 Date: 10-12-20
Project Name : Installation of CC Camera In Ward No.05
Agency : Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32
Customer's Reference : EE(Project)/Ynk Zone/WO/151/2020-21
Date of Receipt : 07-12-20
Sample Type : Birla Super 53grade
Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification ,
IS 4031 (Part 1,2 3,4,5, 6,11):1988
IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4
IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5
IS 4031 Part 3, Determination of Soundness, Clause 5, Clause 6
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5
IS 4031 Part 11, DETERMINATION OF DENSITY , Clause 6

Date of test : 08-12-20
Environmental Conditions during test : Temperature: 26°C
Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.95	—
2	Finess by Air permeability method (m ² /kg,Min)	285.4	225m ² /kg, Min
3	Density (gm/cc)	3.12	—
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	145 minutes	Not less than 30 minutes
6	Final Setting time	240 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

* The results obtained are satisfactory as per standard requirements.



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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2021-08-06-08 Date: 05-01-21
Project Name : Installation of CC Camera In Ward No.05
Agency : Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32
Customer's Reference : EE(Project)/Ynk Zone/WO/151/2020-21
Date of Receipt : 07-12-20
Sample Type : Birla Super 53grade
Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification ,
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test : 08-12-20
Environmental Conditions during test : Temperature: 26°C
Humidity: 72%

Compressive Strength			
Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	28.5N/mm ²	Not less than 27 N/mm ²
2	7 Days	39.0N/mm ²	Not less than 37 N/mm ²
3	28 Days	58.5N/mm ²	Not less than 53 N/mm ²

* The results obtained are satisfactory as per standard requirements.



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TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2021-08-06-08 Date: 10-12-20
Project Name : Installation of CC Camera In Ward No.05
Agency : Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32
Customer's Reference : EE(Project)/Ynk Zone/WO/151/2020-21
Date of Receipt : 07-12-20
Sample Type : 40mm down size coarse aggregate
Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 07-12-20

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	244	244	1.6	98.4	90-100
3	20 mm	5432	5676	37.8	62.2	30-70
4	10 mm	4332	10008	66.7	33.3	10-35
5	4.75 mm	4654	14662	97.7	2.3	0-5
6	Pan	338	15000	100.0	0	---

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TEST REPORT ON COARSE AGGREGATES

Lab ID

:

CP-2021-08-06-08

Date: 10-12-20

PHYSICAL PROPERTIES

Sl.No	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.4	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.8	
3	Specific Gravity	2.68	—
4	Bulk Density(Loose) (Kg/l)	1.48	—
5	Bulk Density(Compacted) (Kg/l)	1.52	—
6	Water Absorption(%)	0.22	—

* The results obtained are satisfactory as per standard requirements.



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TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2021-08-06-08 Date: 09-12-20
Project Name : Installation of CC Camera In Ward No.05
Agency : Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32
Customer Reference : EE(Project)/Ynk Zone/WO/151/2020-21
Date of Receipt : 07-12-20
Sample Type/ Size : 20mm down size coarse aggregate
Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 07-12-20

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	245	245	4.9	95.1	90-100
3	10 mm	2560	2805	56.1	43.9	25-55
4	4.75 mm	2033	4838	96.8	3.2	0-10
5	Pan	162	5000	100	0	—

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TEST REPORT ON COARSE AGGREGATES

Lab ID

: CP-2021-08-06-08

Date: 09-12-20

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	13.2	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	12.6	
3	Specific Gravity	2.66	—
4	Bulk Density(Loose) (Kg/l)	1.54	—
5	Bulk Density(Compacted) (Kg/l)	1.58	—
6	Water Absorption(%)	0.22	—
7	Aggregate crushing Value(%)	24.5	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	22.8	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

* The results obtained are satisfactory as per standard requirements.



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TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2021-08-06-08 Date: 09-12-20

Project Name : Installation of CC Camera In Ward No.05

Agency : Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

Customer's Reference : EE(Project)/Ynk Zone/WO/151/2020-21

Date of Receipt : 07-12-20

Sample Type : Fine Aggregate

Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption

Date of test : 07-12-20

Total weight taken : 1000 grams

Sl.No	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	27	27	2.7	97.3	90-100	90-100	90-100	95-100
3	2.36 mm	55	82	8.2	91.8	60-95	75-100	85-100	95-100
4	1.18 mm	239	321	32.1	67.9	30-70	55-90	75-100	90-100
5	600 micron	205	526	52.6	47.4	15-34	35-59	60-79	80-100
6	300 micron	203	729	72.9	27.1	5-20	8-30	12-40	15-50
7	150 micron	191	920	92.0	8.0	0-10	0-10	0-10	0-15
8	Pan	80	1000	100.0	0.0	---	---	---	---

Result : The tested Sample Conforms to Grading Zone II

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TEST REPORT OF FINE AGGREGATE

Lab ID

: CP-2021-08-06-08

Date: 09-12-20

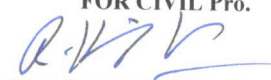
PHYSICAL PROPERTIES

Sl. No.	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.5	—
2	Specific Gravity	2.59	—
3	Material finer than 75 micron(%)	6.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

**The results obtained are satisfactory as per standard requirements.



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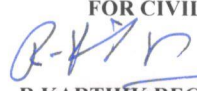
TEST REPORT OF CEMENT CONCRETE CUBES

Job ID : CP-2021-08-06-08 **Date:** 21/12/2020
Project Name : Installation of CC Camera In Ward No.05
Client : Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32
Customer's Reference : EE(Project)/Ynk Zone/WO/151/2020-21
Date of Receipt : 16-12-20
Customer ID : PCC, (Agrahara Badavane)
Sample Type/Size : 150X150X150 mm
Sample grade/Age : M15 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of Test : 21/12/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
01	PCC	M15	14/12/2020	21/12/2020	151.00 X 149.68 X 149.57	22603	8.002	287.2	12.7	12.5
02	PCC	M15	14/12/2020	21/12/2020	151.55 X 150.85 X 149.72	22861	8.005	285.9	12.5	
03	PCC	M15	14/12/2020	21/12/2020	151.49 X 149.80 X 150.21	22694	8.662	281.6	12.4	

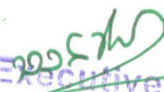
The results obtained are satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 11/01/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

16-12-20

PCC, (Agrahara Badavane)

150X150X150 mm

M15 / 28 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

11/01/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	MCC	M15	14/12/2020	11/01/2021	150.94 X 149.98 X 149.42	22637	8.717	404.3	17.9	17.6
2	MCC	M15	14/12/2020	11/01/2021	150.69 X 150.76 X 149.34	22717	8.561	390.1	17.2	
3	MCC	M15	14/12/2020	11/01/2021	149.66 X 151.76 X 150.20	22713	8.254	405.1	17.8	

Results obtained are satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 06/01/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

01-01-21

PCC, (Srinivasapur)

150X150X150 mm

M15 / 7 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

06/01/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
MCC	M15	30/12/2020	06/01/2021	151.62 X	22917	8.002	284.5	12.4	12.4
				151.15 X					
				151.70					
MCC	M15	30/12/2020	06/01/2021	149.14 X	22376	8.005	279.3	12.5	
				150.03 X					
				149.27					
MCC	M15	30/12/2020	06/01/2021	151.98 X	22899	8.662	283.5	12.4	
				150.67 X					
				150.53					

Results found to be satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-08-06-08

Date: 27/01/2021

: Installation of CC Camera In Ward No.05

: Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

: EE(Project)/Ynk Zone/WO/151/2020-21

: 01-01-21

: PCC, (Srinivasapur)

: 150X150X150 mm

: M15 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 27/01/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
M15	M15	30/12/2020	27/01/2021	149.84 X	22510	8.717	391.2	17.4	17.2
				150.22 X					
				151.12					
M15	M15	30/12/2020	27/01/2021	151.81 X	22974	8.561	391.8	17.1	
				151.33 X					
				149.64					
M15	M15	30/12/2020	27/01/2021	149.51 X	22503	8.254	383.9	17.1	
				150.51 X					
				149.83					

Results obtained are satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 25/01/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

20-01-21

PCC, (Maruthi Nagar)

150X150X150 mm

M15 / 7 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

25/01/2021

Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
			(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
M15	18/01/2021	25/01/2021	151.43 X 150.39 X 150.29	22772	8.002	280.8	12.3	12.7
M15	18/01/2021	25/01/2021	149.32 X 151.46 X 151.55	22616	8.005	290.6	12.8	
M15	18/01/2021	25/01/2021	149.35 X 150.90 X 151.82	22537	8.662	290.1	12.9	

Test results are satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 15/02/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

20-01-21

PCC, (Maruthi Nagar)

150X150X150 mm

M15 / 28 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

15/02/2021

Classification	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
M15	M15	18/01/2021	15/02/2021	149.20 X	22404	8.717	392.1	17.5	17.4
				150.16 X					
				150.57					
M15	M15	18/01/2021	15/02/2021	151.82 X	22839	8.561	401.3	17.6	
				150.43 X					
				149.27					
M15	M15	18/01/2021	15/02/2021	150.50 X	22567	8.254	387.7	17.2	
				149.95 X					
				151.71					

Test results are satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 09/02/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

04-02-21

PCC, (Kattigenahalli)

150X150X150 mm

M15 / 7 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

09/02/2021

Identification No.	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
M15	M15	02/02/2021	09/02/2021	149.94 X	22537	8.002	273.6	12.1	12.5
				150.31 X					
				150.04					
M15	M15	02/02/2021	09/02/2021	149.53 X	22710	8.005	292.6	12.9	
				151.87 X					
				150.88					
M15	M15	02/02/2021	09/02/2021	151.30 X	22874	8.662	288.8	12.6	
				151.19 X					
				150.25					

Test results are satisfactory as per standard requirements.



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TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 02/03/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

04-02-21

PCC, (Kattigenahalli)

150X150X150 mm

M15 / 28 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

02/03/2021

	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
M15	M15	02/02/2021	02/03/2021	149.18 X 150.19 X 151.01	22405	8.717	392.3	17.5	17.3
M15	M15	02/02/2021	02/03/2021	151.28 X 149.74 X 149.17	22654	8.561	394.2	17.4	
M15	M15	02/02/2021	02/03/2021	149.42 X 150.52 X 149.13	22491	8.254	385.4	17.1	

Test results are satisfactory as per standard requirements.



FOR CIVIL Pro.

R. Karthik Rechan

R KARTHIK RECHAN

Authorized Signatory

Quality Manager

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****End of Report****

20-5575
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CONCRETE & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL

TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 01/03/2021

- = Installation of CC Camera In Ward No.05
- = Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32
- = EE(Project)/Ynk Zone/WO/151/2020-21
- = 24-02-21
- = PCC, (Dwarakanagar)
- = 150X150X150 mm
- = M15 / 7 Days Compressive Strength
- = IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
- = 01/03/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
MC	M15	22/02/2021	01/03/2021	150.86 X	22778	8.002	285.6	12.5	12.5
				150.98 X					
				150.26					
MC	M15	22/02/2021	01/03/2021	150.67 X	22766	8.005	282.4	12.4	
				151.10 X					
				150.46					
MC	M15	22/02/2021	01/03/2021	149.63 X	22410	8.662	279.4	12.5	
				149.77 X					
				151.32					

Test results are satisfactory as per standard requirements.



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 Authorized Signatory
 Quality Manager

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****End of Report****


Asst. Executive Engineer
 Project Division
 Yelahanka Zone
 BBMP, Bangalore - 92

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 22/03/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

24-02-21

PCC, (Dwarakanagar)

150X150X150 mm

M15 / 28 Days Compressive Strength

IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

22/03/2021

Sl. No.	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
M15	M15	22/02/2021	22/03/2021	149.99 X	22545	8.717	404.4	17.9	17.6
				150.31 X					
				149.22					
M15	M15	22/02/2021	22/03/2021	150.38 X	22564	8.561	391.2	17.3	
				150.05 X					
				149.69					
M15	M15	22/02/2021	22/03/2021	150.70 X	22744	8.254	397.4	17.5	
				150.92 X					
				151.29					

Results are satisfactory as per standard requirements.



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[Signature]

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****End of Report****

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BBMP, Bangalore - 92

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

CP-2021-08-06-08

Date: 22/03/2021

Installation of CC Camera In Ward No.05

Sri.K Shankar Reddy, No.48/2, Kaverinagar, Kaval Bairasandra, Bangalore-32

EE(Project)/Ynk Zone/WO/151/2020-21

17-03-21

PCC, (Chokkanahalli)

150X150X150 mm

M15 / 7 Days Compressive Strength

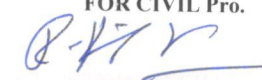
IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

22/03/2021

Sl. No.	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	M15	15/03/2021	22/03/2021	150.90 X	22596	8.002	286.8	12.7	12.3
				149.75 X					
				150.04					
2	M15	15/03/2021	22/03/2021	150.26 X	22571	8.005	271.7	12.0	
				150.21 X					
				150.37					
3	M15	15/03/2021	22/03/2021	149.48 X	22555	8.662	276.1	12.2	
				150.89 X					
				151.33					

Conforms to standard requirements.



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****End of Report****

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